



# QDD601T

## ELECTRIC TRACTOR 6.0T

6000 kg 48 V Lead Acid/Li-ion



The QDD301T/601T series is ideal for factories, logistics centers, and production lines that require frequent towing of heavy loads. Thanks to its solid rubber tires and strong drawbar pull (up to 4500 N), it performs reliably on both smooth and uneven surfaces. The adjustable steering wheel and wide legroom enhance operator comfort during long shifts, while optional cabin configurations make it adaptable to all-weather operations. This model is especially suited for towing carts, parts, and pallets over medium to long distances in demanding industrial environments.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			QDD601T
Battery voltage		V	48
Battery voltage/nominal capacity		V/Ah	48/275
Rated capacity	Q	kg	6000
Service weight		kg	1150
Overall length	$l_1$	mm	1945
Overall width	$b_1/b_2$	mm	1010/990
Turning radius	$W_a$	mm	1780
Drive			Electric
Operator type			Seated
Wheelbase	y	mm	1105
Axle loading, unladen front/rear		kg	500/650
Tyres			Solidrubber
Tyre size, front		mm	4.00-8
Tyre size, rear		mm	4.00-8

# Features

---

## Powerful and reliable AC drive system

Equipped with a high-efficiency AC motor (4–6 kW), the QDD301T/601T delivers strong traction and fast acceleration with minimal maintenance. The system ensures smooth, consistent performance even under maximum load.

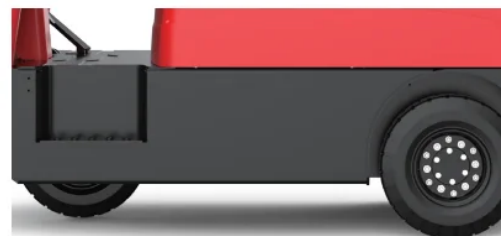


## Operator-centered ergonomic design

With wide legroom, lower pedal height, and an adjustable steering column, the driver experiences excellent comfort and control. A semi- or fully-enclosed cabin option provides enhanced safety and comfort in all weather conditions.

## Stable and durable structure

A low center of gravity and solid rubber tires ensure excellent stability and grip on both smooth floors and uneven ground. The truck's heavy-duty frame and vertical gearbox deliver superior reliability in demanding operations.



## Easy maintenance and customization

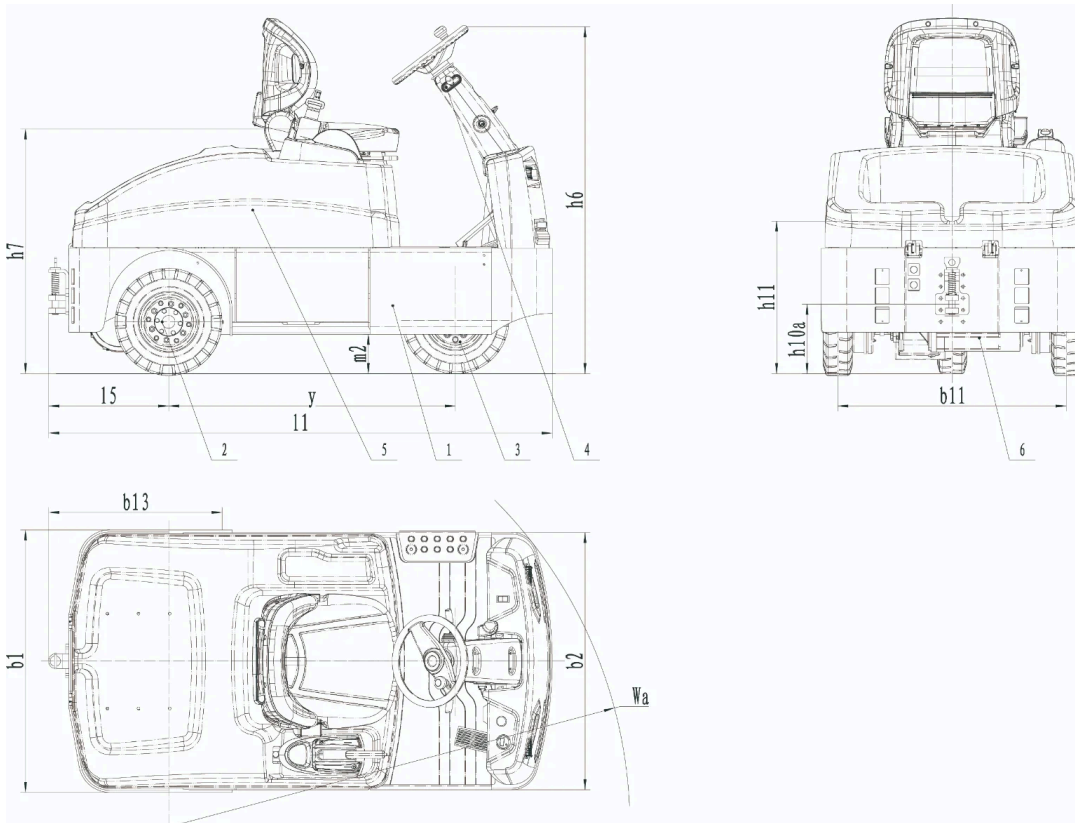
The side-removal battery design and one-piece hood simplify daily checks and service. Optional Li-ion batteries, LED lighting, telematics, and safety accessories allow customization for diverse industry needs.

# VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			QDD601T
1.3	Drive			Electric
1.4	Operator type			Seated
1.5	Rated capacity	Q	kg	6000
1.9	Wheelbase	y	mm	1105
2.1	Service weight		kg	1150
2.3	Axle loading, unladen front/rear		kg	500/650
3.1	Tyres			Solidrubber
3.2	Tyre size, front		mm	4.00-8
3.3	Tyre size, rear		mm	4.00-8
3.5	Wheels, number front/rear (x=drive wheels)			1/2x
3.7	Tread width, rear	b <sub>11</sub>	mm	880
4.2.1	Overall height		mm	1335
4.8	Seat height relating to SIP/stand height	h7	mm	947
4.12	Coupling height	h10	mm	267(222/312/357)
4.13	Loading height, unladen			587
4.16	Length of loading surface			350
4.17	Overhang			462
4.18	Width of loading surface			590
4.19	Overall length	l <sub>1</sub>	mm	1945
4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	mm	1010/990
4.32	Ground clearance, centre of wheelbase	m <sub>2</sub>	mm	150
4.35	Turning radius	Wa	mm	1780
4.36	Internal turning radius			1170
5.1	Travel speed, laden/unladen		km/h	7/17
5.5	Drawbar pull, laden/unladen			1200
5.6	Max. drawbar pull, laden/unladen			4500
5.8	Max. gradeability, laden/unladen		%	7/25
5.10	Service brake			Hydraulic
5.11	Parking brake			Mechanical
6.1	Drive motor rating S2 60 min		kW	6

SPECIFICATION	REF	UNIT	VALUE
6.4	Battery voltage/nominal capacity	V/Ah	48/275
6.4.1	Battery voltage	V	48
6.4.2	Battery nominal capacity K5	Ah	275
6.4.3	Battery type		Lead Acid/Li-ion
6.5	Battery weight	kg	506
8.1	Type of drive unit		AC
10.5	Steering design		Electronic
10.7	Sound pressure level at the driver's seat	dB(A)	70
15.1	Charger output current	A	45

## VDI Drawing



## Options

ITEM	OPTIONS (optional items marked in yellow)
Load wheel type	Single
Load wheel material	Rubber

ITEM	OPTIONS (optional items marked in yellow)
Drive wheel material	Rubber
Front wheel material	Solid   Non-marking solid
Battery capacity	48V280AH Li-ion   48V275AH Lead-acid   48V325AH Lead-acid
Charger	48V45A External (Lead acid)   48V100A External (Li-ion)
Battery indicator	With time
Seat type	Comfortable + seatbelt logic switch   Suspension + seatbelt logic switch
Traction pin	Yes   Can be customized
Water auto-filling system	No   Yes and not customized
Front lamp	LED
Rear lamp	LED
Warning lamp	No   Yes and not customized
Rearview mirror	No   Yes and not customized
Buzzer	Yes
Fire extinguisher	No   Yes and not customized
Telematics	No   Yes and not customized
Battery side pull function	Yes
Cabin	No   Basic semi-cabin   Upgrade semi-cabin   Full cabin
Battery side pull attachment	No   Yes and not customized